

Title (en)  
AUTOMATIC GAIN CONTROL APPARATUS

Publication  
**EP 0238286 B1 19920610 (EN)**

Application  
**EP 87302230 A 19870316**

Priority  
JP 5830386 A 19860318

Abstract (en)  
[origin: EP0238286A2] The automatic gain control apparatus comprises rectifier means (1) for converting the level of a received signal into a DC voltage; comparing means (2) for converting said DC voltage into a first control signal (output 2); voltage generating means (3) responsive to said first control signal (output 2) and a second control signal (output 7) for generating an automatic gain control voltage (output 3); AGC circuit means (4) responsive to said automatic gain control voltage for controlling the amplitude of said received signal; detector means (8) for envelope-detecting the output of said AGC circuit means (4); analog/digital converter means (5) for converting the output of said detector means (8) into a digital signal; digital AGC controller means (6) for digitally processing the output signal of said analog/digital converter means (5); and digital/analog converter means (7) for converting the output signal of said AGC controller means (6) into an analog signal and supplying said second control signal (output 7).

IPC 1-7  
**H03G 3/20**

IPC 8 full level  
**H03G 3/00** (2006.01); **H03G 3/20** (2006.01); **H03G 3/30** (2006.01)

CPC (source: EP US)  
**H03G 3/001** (2013.01 - EP US); **H03G 3/3036** (2013.01 - EP US)

Cited by  
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**EP 0238286 A2 19870923**; **EP 0238286 A3 19900404**; **EP 0238286 B1 19920610**; AU 592274 B2 19900104; AU 7009287 A 19870924; CA 1270537 A 19900619; DE 3779683 D1 19920716; DE 3779683 T2 19930128; JP S62216511 A 19870924; US 4829593 A 19890509

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